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1. **Power distribution techniques for VLSI circuits**
Song, W.S.; Glasser, L.A.;
Solid-State Circuits, IEEE Journal of
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[AbstractPlus](#) | [Full Text: PDF\(872 KB\)](#) IEEE JNL
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2. **Unconstrained via minimization for topological multilayer routing**
Stallmann, M.; Hughes, T.; Liu, W.;
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on
Volume 9, Issue 9, Sept. 1990 Page(s):970 - 980
Digital Object Identifier 10.1109/43.59073
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3. **Single-layer global routing**
Sarrafzadeh, M.; Kuo-Feng Liao; Wong, C.K.;
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Digital Object Identifier 10.1109/43.273751
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4. **Design and fabrication of a high aspect ratio cable for a high gradient quadrupole magnet**
Scanlan, R.; McInturff, A.D.; Taylor, C.E.; Caspi, S.; Dell'Orco, D.; Higley, H.; Gourlay, S.; Bossert, A.V.;
Applied Superconductivity, IEEE Transactions on
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[AbstractPlus](#) | [References](#) | [Full Text: PDF\(520 KB\)](#) IEEE JNL
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5. **VLSI circuit placement with rectilinear modules using three-layer force-directed self-organization**
Ray-I Chang; Pei-Yung Hsiao;
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- 6. **High frequency measurements and simulations on wire-bonded modules on the sequential I (SBU's)**
Sihlbom, R.; Demevik, M.; Lindgren, M.; Starski, J.P.; Lai, Z.; Liu, J.;
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Volume 21, Issue 3, Sept. 1998 Page(s):478 - 491
Digital Object Identifier 10.1109/95.725212
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- 7. **Optimal n-tier multilevel Interconnect architectures for gigascale integration (GSI)**
Venkatesan, R.; Davis, J.A.; Bowman, K.A.; Meindl, J.D.;
[Very Large Scale Integration \(VLSI\) Systems, IEEE Transactions on](#)
Volume 9, Issue 6, Dec. 2001 Page(s):899 - 912
Digital Object Identifier 10.1109/92.974903
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- 8. **Development of (Nb,Ta)₃Sn multifilamentary superconductors using Osprey bronze with high**
Abacherli, V.; Seeber, B.; Walker, E.; Flukiger, R.; Thiele, W.; Perenboom, J.A.A.J.;
[Applied Superconductivity, IEEE Transactions on](#)
Volume 11, Issue 1, Part 3, March 2001 Page(s):3667 - 3670
Digital Object Identifier 10.1109/77.919860
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(576 KB\)](#) IEEE JNL
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- 9. **Optimization of endoluminal loop radiofrequency coils for gastrointestinal wall MR Imaging**
Armenian, M.; Beuf, O.; Pilleul, F.; Saint-Jalmes, H.;
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Volume 4, Issue 1, Feb. 2004 Page(s):57 - 64
Digital Object Identifier 10.1109/JSEN.2003.820334
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- 10. **Interconnect and thermal-aware floorplanning for 3D microprocessors**
Hung, W.-L.; Link, G.M.; Yuan Xie; Vijaykrishnan, N.; Irwin, M.J.;
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Digital Object Identifier 10.1109/ISQED.2006.77
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- 11. **Enabling technologies for wafer-level bonding of 3D MEMS and integrated circuit structures**
Topol, A.W.; Furman, B.K.; Guarini, K.W.; Shi, L.; Cohen, G.M.; Walker, G.F.;
[Electronic Components and Technology Conference, 2004, Proceedings, 54th](#)
Volume 1, 1-4 June 2004 Page(s):931 - 938 Vol.1
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- 12. **Analytic model for area and power constrained optimal repeater insertion**
Garcea, G.S.; van der Meij, N.P.; Otten, R.H.J.M.;
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14. A novel metric for interconnect architecture performance

Dasgupta, P.; Kahng, A.B.; Muddu, S.;
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15. Analysis of noise avoidance techniques in DSM interconnects using a complete crosstalk model

Becer, M.R.; Blaauw, D.; Zolotov, V.; Panda, R.; Hajj, I.N.;
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Muddu, S.; Sarto, E.; Hofmann, M.; Bassteen, A.;
Integrated Circuit Design, 1998. Proceedings. XI Brazilian Symposium on
30 Sept.-3 Oct. 1998 Page(s):226 - 231
Digital Object Identifier 10.1109/SBCCI.1998.715447

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McGuire, T.; Potter, R.;
Magnetics, IEEE Transactions on
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2. **Device scaling limits of Si MOSFETs and their application dependencies**
Frank, D.J.; Dennard, R.H.; Nowak, E.; Solomon, P.M.; Taur, Y.; Hon-Sum Philip Wong;
Proceedings of the IEEE
Volume 89, Issue 3, March 2001 Page(s):259 - 288
Digital Object Identifier 10.1109/5.915374
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1. Resonant tunnelling through double barriers, perpendicular quantum transport phenomena in their device applications
 Capasso, F.; Mohammed, K.; Cho, A.;
Quantum Electronics, IEEE Journal of
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2. InAs-InAlGaAs quantum dot DFB lasers based on InP [001]
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3. Thin Film Edge Property Measurements by Edge Saturation
 Maranville, B.B.; McMichael, R.D.; Dennis, C.L.; Ross, C.A.; Cheng, J.Y.;
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5. Tunable and Sensitive Biophotonic Waveguides Based on Photonic-Bandgap Microcavities
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Schafer, J.P.; Goodall, W.M.;

Proceedings of the IRE

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Ramadan, Q.; Samper, V.D.; Puiu, D.P.; Chen Yu;

Microelectromechanical Systems, Journal of

Volume 15, Issue 3, June 2006 Page(s):624 - 638

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17. Poisson modeling of ultraconfined AlGaAs-GaAs semiconductor devices with selective dop

Bigelow, J.M.; Leburton, J.P.; Klejwa, M.; Adesida, I.;

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